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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><b>FORM PTO-1449</b> | ATTY. DOCKET NO.<br>10121/04903  | SERIAL NO.<br>10/022,965 |
|  | APPLICANT(S)<br>Crowley          |                          |
|  | FILING DATE<br>December 13, 2001 |                          |

**U. S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | PATENT / PUBLICATION<br>NUMBER | PATENT / PUBLICATION<br>DATE | NAME | CLASS | SUBCLASS | FILING<br>DATE |
|---------------------|--------------------------------|------------------------------|------|-------|----------|----------------|
|                     |                                |                              |      |       |          |                |
|                     |                                |                              |      |       |          |                |
|                     |                                |                              |      |       |          |                |
|                     |                                |                              |      |       |          |                |

**FOREIGN PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE<br>(M/D/Y) | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|--------------------|-----------------|---------|-------|----------|-------------|----|
|                     |                    |                 |         |       |          | YES         | NO |
|                     | 4 - 79931 *        | March 13, 1992  | JP      |       |          |             |    |
|                     | 7 - 250837 *       | October 3, 1995 | JP      |       |          |             |    |
|                     | 8 - 64860 *        | March 8, 1996   | JP      |       |          |             |    |
|                     | 61 - 33636 *       | May 17, 1994    | JP      |       |          |             |    |
|                     | 7 - 222712 *       | August 22, 1995 | JP      |       |          |             |    |
|                     | 1 - 101966 *       | April 19, 1989  | JP      |       |          |             |    |
|                     | 8 - 146307 *       | June 7, 1996    | JP      |       |          |             |    |
|                     | 63 - 167577 *      | July 11, 1988   | JP      |       |          |             |    |

\*English Abstract is provided.

**OTHER DOCUMENTS**

|                     |  |  |
|---------------------|--|--|
| EXAMINER<br>INITIAL |  | AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC. |
|                     |  |  |

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|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |